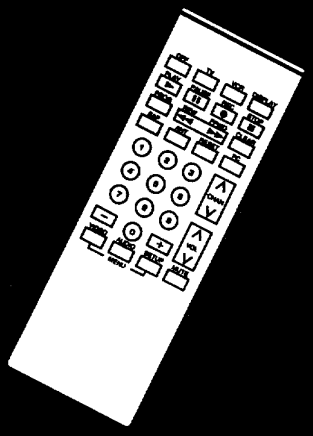
RCA

Color TV Owner's Manual

First-Time Operation ..... pp. 2-3



Monitor Panel and Detailed Connections ..... pp. 14-22

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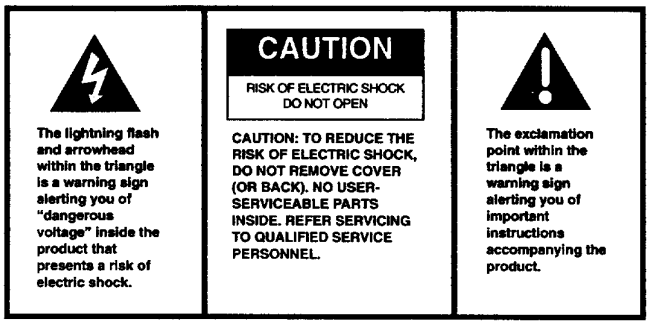
Safety Precautions

WARNING: To prevent fire or shock hazard, do not expose this TV to rain or moisture.

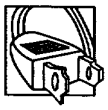
If you suspect that liquid has entered the TV, unplug it immediately and have it inspected by an RCA TV Servicenter. Turning it off is not enough – your TV has power applied to some circuits even when the TV is turned off.


The lightning flash and arrowhead within the triangle is a warning sign alerting you of "dangerous voltage" inside the product that presents a risk of electric shock.
CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
The exclamation point within the triangle is a warning sign alerting you of important instructions accompanying the product.

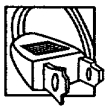
CAUTION: Maintain electrical safety. Powerline-operated equipment or accessories connected to this unit should bear the UL listing mark or CSA certification mark on the accessory itself and should not have been modified so as to defeat the safety features. This will help avoid any potential hazard from electric shock or fire. If in doubt, contact qualified service personnel.

Note to Cable TV Installer: This reminder is provided to call your attention to Article 820-22 of the National Electrical Code (Section 54 of the Canadian Electrical Code, Part 1) which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building as close to the point of cable entry as practical.

- Your TV operates on 120 volts, 60 Hz AC power (normal house power) and has a polarized AC plug. Because one blade of the plug is wider than the other, the plug fits into the wall socket only one way. Do not defeat the safety feature of this plug. If you need an extension cord, make sure it is polarized.



CAUTION: To prevent electric shock, do not use the polarized plug on this TV with an extension cord, receptacle, or other outlet unless both blades can be fully inserted to prevent blade exposure.



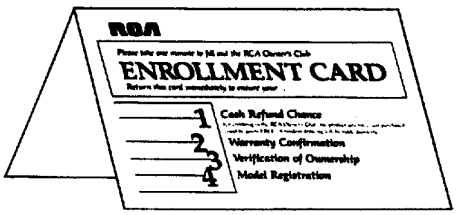
MISE EN GARDE: Pour prévenir les chocs électriques, ne pas utiliser la fiche polarisée de cet appareil avec une rallonge, une prise de courant ou une autre sortie, à moins que les lames ne puissent être insérées à fond sans qu'aucune partie ne soit laissée à découvert.

- All operating controls and their functions are identified and explained in this manual. For warranty service or routine maintenance, contact the nearest Authorized RCA TV Servicenter. All servicing and adjustments to electrical components should be done by a qualified service technician.

RCA Owner's Club

Mail Your Enrollment Card Today

- An *RCA Owner's Club Enrollment Card* is packed with your set. Please fill out the card and return it immediately.
- Your name then will be enrolled in the next drawing, which takes place every three months. If your name is drawn, you will be reimbursed for the *full purchase price* of your new RCA product (restricted to residents of USA only).
- Your prompt submission of this card confirms your right to the protection available under the terms and conditions of the warranty and also allows us to contact you in the unlikely issuance of a safety modification.
- With your card on file, we can also help you in the event of loss or theft by verifying your ownership.
- If you did not receive an RCA Owner's Club Enrollment Card, please contact your dealer.



Attach Your Sales Receipt Here and File at Home For Future Reference

- To obtain warranty parts and service, you must show your sales receipt (or other evidence of purchase) to your Authorized RCA TV Servicenter.
- Tape or staple your sales receipt to this manual so you will have it handy should service ever be needed. **Do not mail your sales receipt to us.** File it at home with your owner's manual for future reference.

Record Vital Information Here

- No other set has the same serial number as yours. You will find the serial number and the model number on the back of your set (and pre-printed on your Enrollment Card).
- Make sure you record both numbers below so that you will have them in case your set is stolen or in case you need a complete description for any other reason.

Model: _____

Serial: _____

Purchase Date: _____

Dealer Name/Address/Phone: _____

_____

Introduction

Thank you for choosing RCA

Congratulations on your purchase of an RCA TV. You have selected a high-quality, precision-engineered instrument designed to give you years of enjoyment.

Despite its sophistication, your new TV is amazingly simple to operate because it has so many automatic features. To simplify operation even more, the TV provides on-screen prompts that guide you thru each step of the special functions. The remote control allows adjustment of major operating controls from the comfort of your favorite easy chair.

Not only is your new set a state-of-the-art television receiver that combines sophistication with ease of operation, it also has monitor capability thus providing you flexibility whenever you choose to add an additional component.

About This Manual

To take full advantage of all the features and benefits of this unique TV, be sure to read this owner's manual carefully and then keep it in a safe place for future reference.

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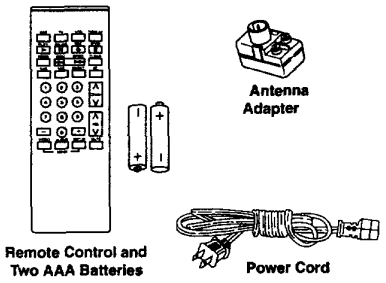
First-Time Operation

The steps below will help you get your TV connected and working quickly. The page numbers on which you can find detailed instructions for each of these steps are also listed for your convenience.

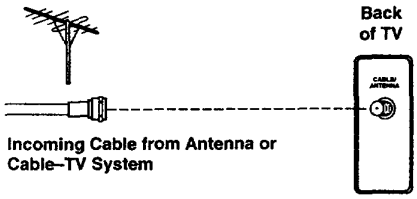
1. Unpack TV and accessories.

Shown here are the accessories that came packed with your TV.



2. Connect antenna or cable-TV system.

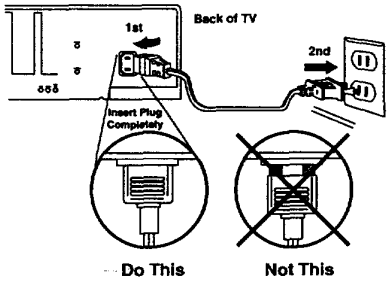
Most antenna or cable-TV systems can be connected as shown here.



- Details for connecting a home antenna to your TV are on page 17.
- Details for connecting a cable-TV system to your TV are on page 18.
- Details for connecting a VCR to your TV are on page 20.

3. Attach power cord.

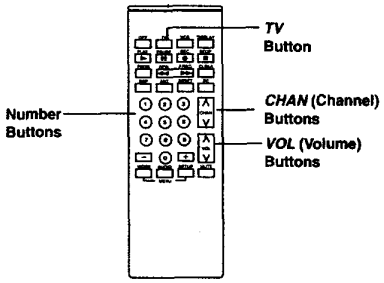
First attach the flat end of the power cord completely into the connector on the back of your TV, and then plug the other end into a wall outlet.



4. Install batteries in remote control.

Details are on page 6.

5. Turn on TV, adjust the volume, and select a channel.

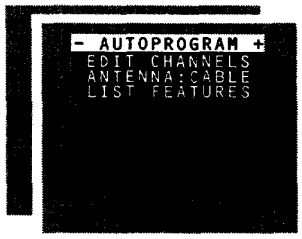


- Press the *TV* button on the remote to turn on the TV. When using the remote, remember to point it at the front of the TV.

  Note: Pressing the *TV* button puts the remote in the "TV Mode" so it can control the TV. Pressing the *VCR* button puts the remote in the "VCR Mode" so it can control a compatible VCR. Always make sure the remote is in the "TV Mode" by pressing the *TV* button when you are trying to control the TV.
- Press the *VOLUME* up or down button to adjust the volume to a desired level.
- Press the *CHANNEL* up or down button to select the next channel in memory. You can also press two number buttons to select a channel. To select a 3-digit number (up to 125), press and hold number button 1 until 1-- appears on the screen. Then press the other two numbers. Channels 2-13 were programmed into the channel memory for you at the factory, so pressing *CHANNEL* up or down stops at these channels only. When you start the autoprogramming feature (described in step 6), your set will automatically scan through all channels and place only the active channels for your area into its channel memory.
- Details about using the remote are on page 7.

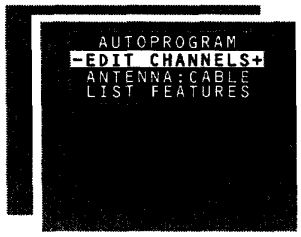
6. AutoProgram the TV's channel memory.

To start the TV autoprogramming itself, repeatedly press the *SETUP* button to select (highlight) the *AUTOPROGRAM* function, and then press +. Details are on page 13.



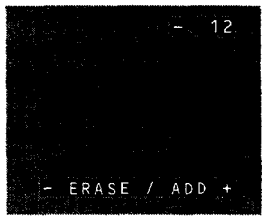
2nd Menu

You can also add and erase channels from memory as desired by repeatedly pressing *SETUP* to select (highlight) the *EDIT CHANNELS* function. Then press + or – to enter the function.



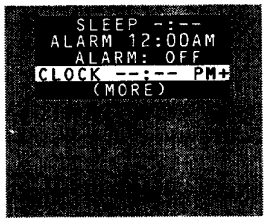
2nd Menu

Select the desired channel number by pressing the *CHANNEL* up or down buttons or by pressing the two corresponding number buttons.



Then press + to add a channel, or press – to erase a channel. Details are on page 13.

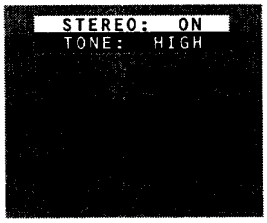
7. Set the clock.



- Repeatedly press the *SETUP* button to select the *CLOCK* function.
- Press and hold the + or – button to set the clock. The + button advances the time forward. The – button moves the time backward.
- After the clock is set, the time will appear on the screen whenever you change channels or press the *DISPLAY* button.
- You will have to reset the clock after extended power interruptions. The TV will let you know that power has been interrupted by displaying --:-- in the *CLOCK* function and by no longer showing the time display on the screen when you press the *TV* or *DISPLAY* button on the remote.

8. Review audio, video, and setup menus.

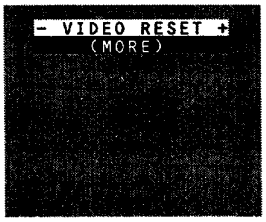
Press *AUDIO* to see the audio menu.



To see the audio menu press the *AUDIO* button.

Repeatedly press *AUDIO* to select (highlight) desired function, then press + or – to change it. Details are on page 9.

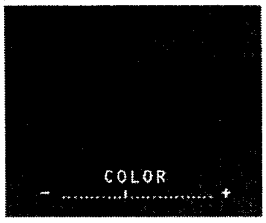
Press *VIDEO* once to see 1st video menu



Press the *VIDEO* button once to see the first video menu. The *VIDEO RESET* function lets you quickly return all the picture controls back to the factory settings by pressing + or –.

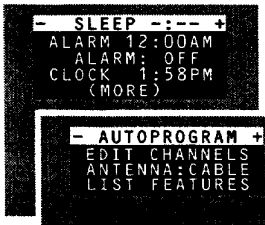
Press *VIDEO* again to see 2nd video menu

Color adjustment display



To see the second video menu press *VIDEO* again. Repeatedly press *VIDEO* to select (highlight) the desired function, then press + or – to see the adjustment display on the bottom of the screen. You can now adjust that display to your personal preference by pressing + or –. Details are on page 8.

Press *SETUP* to see 1st setup menu.



Press *SETUP* repeatedly to see 2nd setup menu.

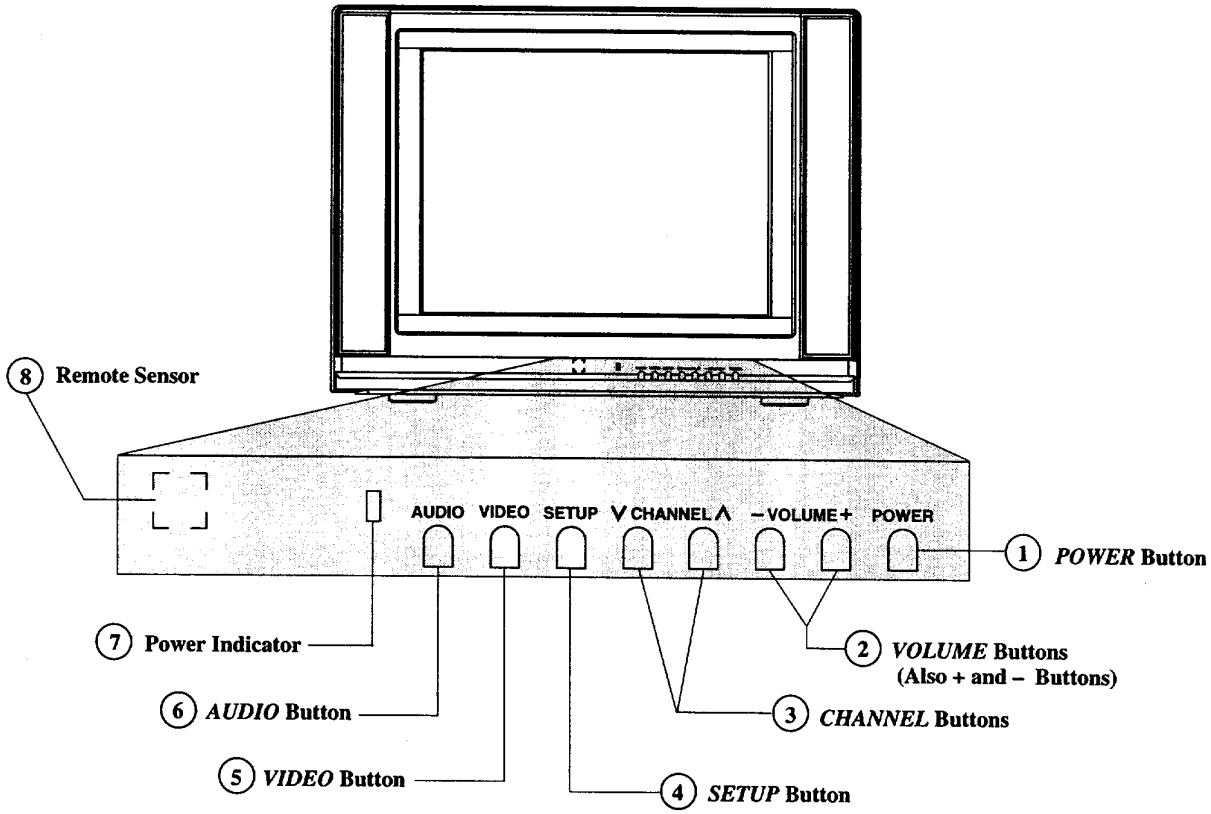
Repeatedly press the *SETUP* button to select (highlight) the function you want to adjust, then press + or – to change it. Details begin on page 10.

9. Review other features.

Later, after you feel comfortable with your TV and remote control, you can review the detailed control descriptions and special features covered in this manual.

You can use the rest of this manual as a reference guide to review detailed information about each operating control and function. The alphabetical index in the back will help you quickly locate desired information. A quick-reference operating guide is also printed on pages 27 and 28 for your convenience.

Front Panel Controls



(1) *POWER* Button

- Press once to turn on TV.
- Press again to turn off TV.

(2) *VOLUME* Buttons (Also + and – Buttons)

- Press *VOL* + to increase volume, or press *VOL* – to decrease volume. The volume display will automatically appear on the screen when you press the *VOL* buttons.
- The + and – buttons are also used after one of the menu buttons is pressed (*AUDIO*, *VIDEO*, or *SETUP*) to change or adjust special functions. When the menu display disappears from the screen, these buttons once again become the volume adjustment controls.

(3) *CHANNEL* Buttons

- Press *CHAN* ∧ to see the next higher channel in memory.
- Press *CHAN* ∨ to see the next lower channel in memory.
- You can add or erase channels in memory as desired. Details are on page 13.

(4) *SETUP* Button

- Press repeatedly until the function you want is selected (highlighted), then press *VOL* + or *VOL* – to adjust the setting.
- Details about using each function begin on page 10.

(5) *VIDEO* Button

- Press the *VIDEO* button once to see the first video menu. To reset the picture controls back to factory settings, press *VOL* + or *VOL* –.
- Press the *VIDEO* button again to see the second video menu. Repeatedly press *VIDEO* to select desired function, then press *VOL* + or *VOL* – to see the adjustment display. Press *VOL* + or *VOL* – again to set the adjustment display to your preference.
- Details about using each function are on page 8

(6) *AUDIO* Button

- Press repeatedly until the function you want is selected, then press *VOL* + or *VOL* – to adjust the setting.
- Details about using each function begin on page 9.

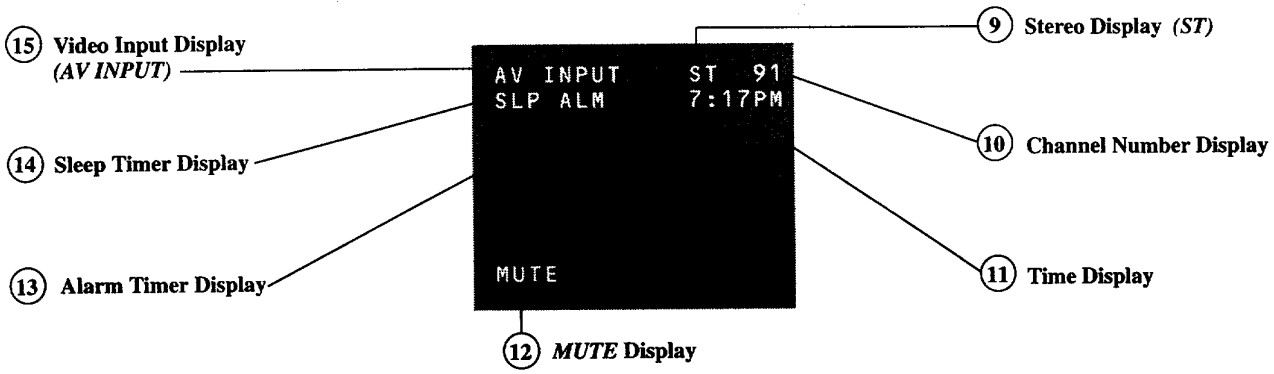
(7) Power Indicator

- Lights whenever TV is turned on.

(8) Remote Sensor

- Receives commands from the remote control.
- When using the remote control, point it toward this sensor.

TV On-Screen Status Displays



(9) Stereo Display *(ST)*
This display appears when the *STEREO* function is set to *ON* and a TV station is broadcasting stereo. Details are on page 9.

(10) Channel Number Display
This display appears whenever you change channels or press the *TV* or *DISPLAY* button on the remote.

(11) Time Display
This display appears (after the clock is set) whenever you change channels or press the *TV* or *DISPLAY* button on the remote.
Note: If the power is interrupted for an extended period of time, the time display will not appear on the screen. If this happens, the clock will need to be reset.

(12) *MUTE* Display
This display appears when the TV's sound is muted. Details are on page 7.

(13) Alarm Timer Display *(ALM)*
This display appears when the alarm timer has been activated. Details are on page 12.

(14) Sleep Timer Display *(SLP)*
This display appears when the sleep timer has been activated. Details are on page 11.

(15) Video Input Display *(AV INPUT)*
This display appears when the TV is tuned to channel 91. Channel 91 is used to view the signal from another component (such as a VCR, camcorder, laserdisc player, etc.) that is connected to the *INPUT 1* jacks on the back of the TV. Details are on pages 20-22.

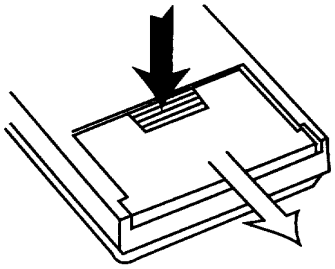
Operating Remote Control

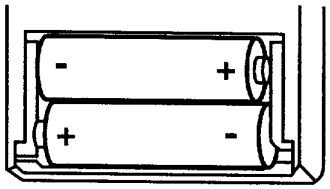
Before attempting to operate your remote control, install the batteries as shown here.

Helpful Hint:
The remote control produces an invisible (infrared) beam that travels in a straight line much as the beam of a flashlight. For this reason, when operating the remote control, you must point it directly at the front of the TV without objects between that can block the infrared light beam.

Installing/Replacing Batteries

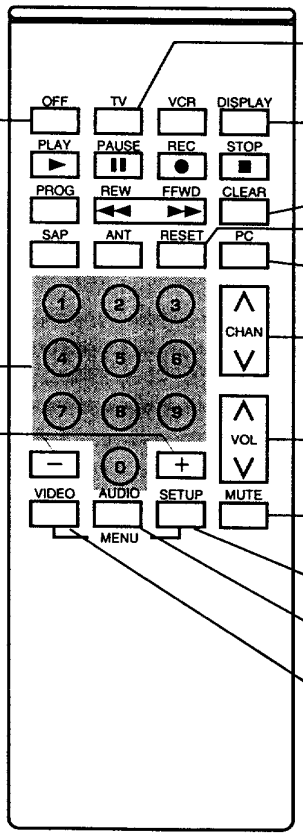
1. Turn the remote control face down.
2. Press down on the ridged area of the battery cover and slide it off.





3. Install two "AAA" batteries in the battery compartment as shown. Make sure you match the + end of each battery to the + end of the battery compartment.
4. Replace the cover and turn remote over–face up.

Notes:
- Never place anything heavy on top of the remote control or lay it upside-down. This may accidentally depress the buttons for a long time and discharge the batteries.
- Replace the batteries when the TV fails to respond to the remote control.
- Remove the batteries from the remote control if it will not be used for a month or more. This will prevent possible damage from battery leakage.



(1) *TV* Button
(2) *DISPLAY* Button
(3) *CLEAR* Button
(4) *RESET* Button
(5) *PC* (Previous Channel) Button
(6) *CHAN* (Channel) Button
(7) *VOL* (Volume) Button
(8) *MUTE* Button
(9) *SETUP* Button
(10) *AUDIO* Button
(11) *VIDEO* Button
(12) "–" and "+" Buttons
(13) Number Buttons
(14) *OFF* Button

Only the remote control buttons that are used to control the TV are described here. The rest of the buttons are used to operate compatible RCA VCR models and are described on page 21.

(1) *TV* Button

- Turns on TV and puts remote in "TV Mode" so that the other remote buttons will control the TV.
- Displays time (if clock has been set) and channel number on the TV screen.

Important Note:
Most buttons on the remote control will not control the TV unless the remote is in the "TV Mode". If the *VCR* button is pressed, the remote will go into the "VCR Mode" and will only control a compatible VCR. To get back into the "TV Mode", simply press the button labeled *TV* again. The remote will go back into the "TV Mode" and will control the TV again.

(2) *DISPLAY* Button

- Pressing the *DISPLAY* button displays the time (if set) and channel number on the screen. It also lets you know if the Sleep Timer or Alarm is activated.
- Pressing *DISPLAY* also quickly removes menus from the screen.

(3) *CLEAR* Button

- Pressing *CLEAR* clears the screen of all on-screen display messages except Mute.

(4) *RESET* Button

- Press the *RESET* button to return the Video Adjustments (Color, Tint, Contrast, Brightness, and Sharpness) to the original factory settings.

(5) *PC* (Previous Channel) Button

- Pressing the *PC* button causes the TV to change back to the last tuned channel. This is useful should you want to monitor two channels.
- To operate, select the first channel you wish to watch. Then select the other channel by pressing two number buttons (for example, press 0 then 6 for channel 6).
- The TV will now change back and forth between the two channels each time you press the *PC* button.

(6) *CHAN* (Channel) Button

- Press *CHAN* ∧ to select the next higher channel in channel memory.
- Press *CHAN* ∨ to select the next lower channel in channel memory.
- You can add or erase channels in memory as desired. Details are on page 13.

(7) *VOL* (Volume) Button

- Press *VOL* ∧ to increase volume.
- Press *VOL* ∨ to decrease volume.
- The volume display will automatically appear on the screen when you press the *VOL* buttons.

(8) *MUTE* Button

- Press *MUTE* to quickly reduce the sound to its minimal level without affecting the picture. This is especially useful during telephone calls or other interruptions.
- When the sound is muted, the word *MUTE* will be displayed on the screen. An "*M*" will also appear in the volume display.
- To restore sound, press *MUTE* again or press *VOL* ∧.

(9) *SETUP* Button

- Press repeatedly until the function you want is selected (highlighted), then press + or – to adjust the setting.
- Details about using each function begin on page 10.

(10) *AUDIO* Button

- Press repeatedly until the function you want is selected, then press + or – to adjust the setting.
- Details about using each function are on page 9.

(11) *VIDEO* Button

- Press the *VIDEO* button once to see the first video menu. To reset the picture controls back to factory settings, press + or –.
- Press the *VIDEO* button again to see the second video menu. Repeatedly press *VIDEO* to select desired function, then press + or – to see the adjustment display. Press + or – again to adjust the function.
- Details about using each function are on page 8.

(12) + and – Buttons

- Use these buttons after you have pressed one of the three *MENU* buttons (*VIDEO*, *AUDIO*, or *SETUP*).
- Press + to increase (or change) a function.
- Press – to decrease (or change) a function.
- Can also be used to recall the last function displayed.

(13) Number Buttons (0-9)

- These buttons let you directly access any channel number, even if the channel is not in the channel memory.
- To select a channel, press two number buttons (first one, then the other). For example, press 0 then 6 for channel 6. Press 1 then 3 for channel 13.
- To select a 3-digit number (like 125), press and hold number button 1 until 1-- appears on the screen. Then press the other two numbers.

  Note: Your TV will tune up to channel 125. Check with your cable company to determine which channels are available in your area.

(14) *OFF* Button

- Press the *OFF* button to turn off the TV.

  Note: If the TV does not turn off when you press *OFF*, the remote is probably not in the "TV Mode". To put the remote in the "TV Mode", first press the *TV* button and then press *OFF*.

VIDEO Button – General Instructions

Repeatedly press the *VIDEO* button to select (highlight) the video function you want to adjust, then press + or – to select the function. To set a function to your personal preference, press + or – again when an adjustment display appears at the bottom of the screen.

Press *VIDEO* once to see 1st video menu

Press *VIDEO* again to see 2nd video menu

The *VIDEO RESET* function lets you quickly change all the video functions (shown below) back to the factory settings. Press either + or – to reset the video functions.

The *COLOR* function adjusts the amount of color in the picture. Press + or – to see the color adjustment display at the bottom of the screen. Then press + or – again to adjust the color.

The *TINT* function adjusts the color of flesh tones. Press + or – to see the tint adjustment display at the bottom of the screen. Then press + to add more red tint, or press – to add more green tint.

The *CONTRAST* function adjusts the overall brightness and contrast of the picture. Press + or – to see the contrast adjustment display at the bottom of the screen. Then press + to increase contrast, or press – to decrease contrast.

The *BRIGHTNESS* function adjusts the brightness of the dark portions of the picture. Press + or – to see the brightness adjustment display at the bottom of the screen. Then press + to increase brightness, or press – to decrease brightness.

The *SHARPNESS* function adjusts picture sharpness. Press + or – to see the sharpness adjustment display at the bottom of the screen. Then press + to increase sharpness, or press – to decrease sharpness.

The video menu will automatically disappear from the screen if you do not press + or – within a few seconds. Whenever a menu or display disappears from the screen, the *VOL* + and *VOL* – buttons on the front of the TV become the volume adjustment buttons.

Caution: When using TV games, computers, and similar products with your TV, keep the brightness and contrast functions at low settings. If a fixed (non-moving) pattern is left on the screen for long periods of time at a high brightness or contrast setting, the image can be permanently imprinted onto the screen. These types of imprints are not covered by your warranty because they are the result of misuse.

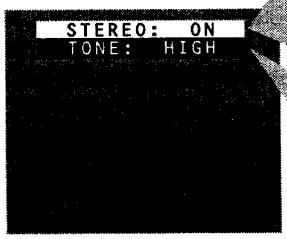
Adjusting for a Color Picture that Pleases You

1. Decrease color to minimum. This will leave a black-and-white image on the screen.
2. Adjust contrast until the picture pleases you.
3. Adjust brightness until the black parts of the picture appear black. You may need to wait until the picture shows something you're sure is black to make this adjustment. Be careful not to lose the details in darkly shaded areas.
4. Increase color until you reach a pleasing level of intensity.
5. Adjust tint until flesh tones or other color objects appear natural.
6. Adjust sharpness for a pleasing level of picture sharpness. (For weak signals, the picture may be more pleasing with sharpness decreased.)

AUDIO Button – General Instructions

Repeatedly press the *AUDIO* button to select (highlight) the function you want to change, then press + or – to change the setting.

Press *AUDIO* to see the audio menu.



The *STEREO* function lets you choose either monaural or stereo audio. When a station is broadcasting stereo, the stereo indicator (*ST*) will appear on the screen before the channel number. Press the + or – button to change between the *STEREO: ON* and *STEREO: OFF* display. Normally, you can leave the stereo function *ON*. Your TV will then automatically produce either monaural or stereo audio–whichever is broadcast.

Note: Some television stations transmit a "pilot" signal that makes your TV think it's receiving stereo, even though the broadcast signal is monaural. The "pilot" signal will make the stereo indicator *(ST)* appear on the screen next to the channel number, however, you will not be able to hear stereo sound. If the stereo indicator appears but you can not hear stereo sound, check with the television station to inquire whether the program being broadcast is in true stereo or monaural audio.

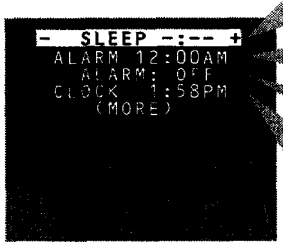
The *TONE* function allows you to select *HIGH* or *LOW*. If you prefer to listen to the high frequencies, set the tone display to *HIGH*. If you prefer to listen to the low frequencies, set the tone display to *LOW*. Press either the + or – button to switch between the *HIGH* and *LOW* display. Experiment with this feature and set it to your personal preference.

The audio menu will automatically disappear from the screen if you do not press + or – within a few seconds. Whenever a menu or display disappears from the screen, the *VOL* + and *VOL* – buttons on the front of the TV become the volume adjustment buttons.

SETUP Button – General Instructions

Repeatedly press the *SETUP* button to select (highlight) the function you want to adjust, then press + or – to change or set it.

Press *SETUP* once to see 1st setup menu.



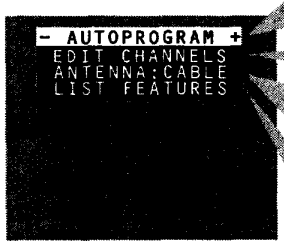
By setting the *SLEEP TIMER*, you can program your TV to turn itself off after a certain period of time. This is useful whenever you want to watch TV for an hour or so before going to sleep. Press the *VOL* + or *VOL* – button to select the length of time you want the TV to stay on. Details are on the next page.

You can program your TV to turn on at a certain time by setting the *ALARM* time and turning the *ALARM* feature *ON*. Details are on page 12.

If the alarm feature is on, the TV will automatically turn on at the alarm time set above. Details are on page 12.

After you set the *CLOCK*, you will be able to see the on-screen time display whenever you change channels or press the *DISPLAY* button on the remote control. Hold the + button to set the time forward or hold the – button to set the time backward. Details are on page 3. After an extended power failure, the on-screen time display will disappear and you will have to reset the clock.

Repeatedly press *SETUP* to display 2nd setup menu.



When you press + or – to start the *AUTOPROGRAM* feature, the TV will automatically cycle through all channels and place the active channels for your area in its channel memory. Pressing the *CHANNEL* up or down buttons will then allow you to scan only active channels. Details are on page 13.

The *EDIT CHANNELS* feature allows you to erase and add channels to channel memory as desired. Details are on page 13.

The *ANTENNA: CABLE/AIR* feature tells your TV whether you have a cable-TV system or a home antenna connected to it. Your TV is so automatic that you will probably never need to change this feature. When your TV autoprograms, it automatically adjusts the *CABLE/AIR* setting for you. If you should ever need to override the automatic setting, press + or – to change it.

The *LIST FEATURES* display lets you activate your TV to automatically display a list of its special features. When this display is selected, you can start the feature list by pressing + or –. The feature list will continue to repeat until you stop it by pressing the *TV* or *CLEAR* button on the remote or by pressing *AUDIO, VIDEO*, or *SETUP* on the front of the TV.

The setup menu will automatically disappear from the screen if you do not press + or – within a few seconds. Whenever a menu or display disappears from the screen, the *VOL* + and *VOL* – buttons on the front of the TV become the volume adjustment buttons.

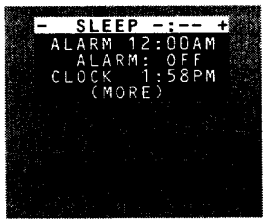
Setting the Sleep Timer

By setting the sleep timer, you can program your TV to turn itself off after a certain period of time (up to four hours).

This is useful whenever you want to watch TV for an hour or so before going to sleep.

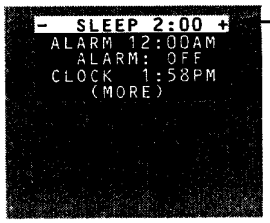
Setting Sleep Timer

1. Press the *SETUP* button once to select the 1st setup menu and highlight the sleep timer.



2. Press the + or – button to select the length of time (up to four hours) you want the TV to stay on.

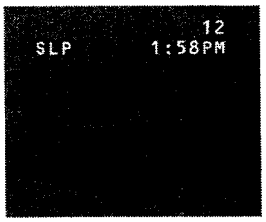
Each time you press the + or – button, the time will increase 30 minutes (up to four hours). Then the time display will start over.



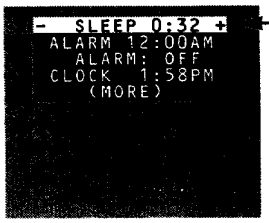
2 hours

3. When finished, the display will automatically disappear from the screen in a few seconds.

4. The sleep timer will begin to count down to zero. The letters "*SLP*" will appear on the screen whenever you change channels or press the *DISPLAY* button to let you know the sleep timer is activated.



The amount of time remaining before the TV turns itself off will appear in the sleep timer menu whenever you press the *SETUP* button.



32 minutes remaining

5. When the Sleep Timer counts down to one minute, the sleep timer display will appear on the screen. When the last minute is up, the TV will turn itself off. If desired, you can add additional time to the sleep timer by pressing + when the display appears.

Cancelling Sleep Timer (before it turns off TV)

To cancel the sleep timer before it turns off the TV, first press the *SETUP* button to enter the sleep timer function and then press the + or – button until the screen shows –:– –.

Setting the Alarm

By setting the alarm, you can program the TV to turn on by itself. This is useful whenever you want the set to turn itself on at a certain time (like an alarm clock).

After the alarm time is set, the TV will automatically turn on each day at the time you selected, play for one hour, and then turn off. The *ALARM: ON/OFF* function lets you easily deactivate or reactivate the alarm without having to reset the alarm time.

When the alarm time is reached, the set will turn on at whatever volume and channel you left it when you last turned it off. If you want the TV to come on softly at the alarm time, be sure the TV is playing softly when you turn off the set for the last time before the alarm comes on.

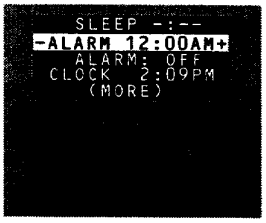
When the set turns itself on, it automatically activates the sleep timer for one hour. This allows the set to turn itself off after one hour. This is helpful in case you leave for the weekend and forget to deactivate your alarm. You won't have to worry about your TV turning on and playing all week-end.

When setting the alarm, check to make sure the clock is set to the correct time. The clock will show "- -:- -" if it has not been set or if there has been an extended power failure. Details for setting the clock are on page 3.

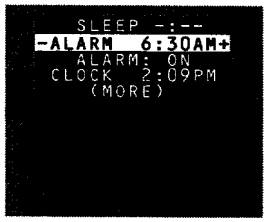
Your TV lets you know when the alarm function is activated (turned on) by displaying the letters "*ALM*" on the screen whenever you press the *TV* or *DISPLAY* button or change channels. This means the TV will turn itself on at the time you programmed.

Setting the Alarm Time

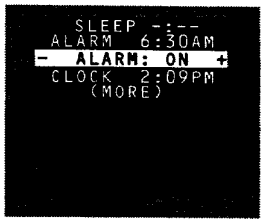
1. Repeatedly press the *SETUP* button to select the *ALARM* time function.



2. Then press + or – to set the time you want the alarm to turn on. Pressing and holding + quickly moves the time forward, pressing and holding – quickly moves the time backward.
Note: Remember to check the AM/PM setting. Midnight is 12:00 AM and noon is 12:00 PM.



3. When you set the *ALARM* time function, the *ALARM ON/OFF* function will automatically change to *ON*. Be sure to set this function to *OFF* if you do not want the TV to turn on by itself at the alarm time you selected.



Notes:
- When the alarm time is reached, the set will turn on at whatever volume and channel you left it when you last turned it off. It will play for one hour and then turn off.
- If you want to turn off the set sooner, just press *POWER* on the TV or *OFF* on the remote.
- If you do not want the TV to turn off after one hour, cancel the remaining time in the *SLEEP TIMER* display. Details are on page 11.

Turning the Alarm On and Off

1. Repeatedly press the *SETUP* button to select the *ALARM ON/OFF* function, and then press + or – to change it.

When this function is turned *OFF*, the alarm is deactivated and your set will not turn on by itself.

When this function is turned *ON*, the alarm is activated and your set will turn on at whatever volume and channel you left it when you last turned it off.

Important Note: During extended power failures, the alarm function will work the same as an analog-type alarm clock. The alarm will stay programmed to the time it was set, but the clock will stop during the power failure. When power returns, the clock will remember what time the power went off and start again from that time. For example, if the power was lost at 10:00PM and returned at 10:15PM, the clock will be 15 minutes slow. Therefore, unless you reset the clock to the correct time, the alarm will turn on 15 minutes late. You can tell if a power failure has occurred because the time display will not appear on the TV screen when you press the *DISPLAY* button.

Programming Channel Memory

The channel memory is the list of TV channel numbers your TV will stop on when you press the *CHANNEL* up or down button. You can program any list of channels into the channel memory.

The quickest way to program your channel memory is to use the *AUTOPROGRAM* function. If you use the *AUTOPROGRAM* function, your TV will automatically cycle through all channels and place active channels into the channel memory.

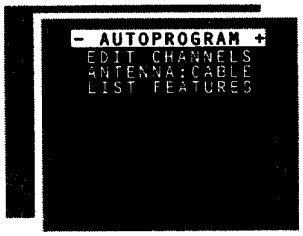
First follow the instructions to autoprogram channels, and then add or erase individual channels as desired.

Notes:

- The AutoProgram feature will place into memory active TV channels that have a valid signal at the time you autoprogram your TV.
- An active channel may be missed occasionally if its signal is very weak or if the channel happens to be "off the air" when the TV is autoprogrammed.
- An inactive channel may be included in the channel memory if there happens to be some sort of "noise" or "stray signal" on the channel when the TV is autoprogrammed.
- Signals from scrambled cable channels having unusual signal conditions may not be autoprogrammed.
- Video input channel 91 (which accesses the *INPUT 1* jacks) can be added to channel memory but cannot be autoprogrammed. You can add it to memory by using the *EDIT CHANNELS* function described at the right. Once channel 91 has been added to memory, it will remain in memory until you erase it. Autoprogramming will not erase it from memory.

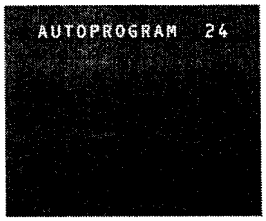
1. AutoProgramming Channels into Channel Memory

1. Connect home antenna(s) or cable-TV to your set.
2. After you have turned on the TV and adjusted the volume, repeatedly press the *SETUP* button on the front of the TV until *AUTOPROGRAM* is selected (highlighted).



2nd Menu

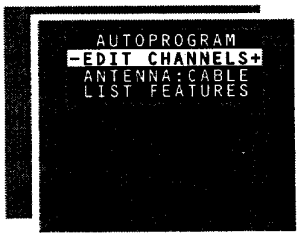
3. Press either + or – to begin autoprogramming.



4. When the TV is finished cycling, you can check to see which channels are in memory by pressing the *CHANNEL* up or down button.

2. Erasing/Adding Channels in Channel Memory

1. To erase or add a channel, press *SETUP* repeatedly until the *EDIT CHANNELS* function is selected (highlighted). Then press + or – to enter the function.

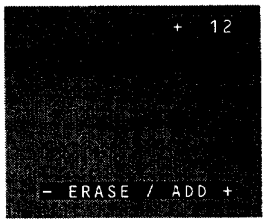


2nd Menu

2. Select the desired channel number by pressing *CHANNEL* up or down (or the two corresponding number buttons on the remote).

   Note: To select a 3-digit number (up to 125), press and hold number button 1 until 1-- appears on the screen. Then press the other 2 numbers.

3. Press + to add the channel to memory, or press – to erase the channel from memory.

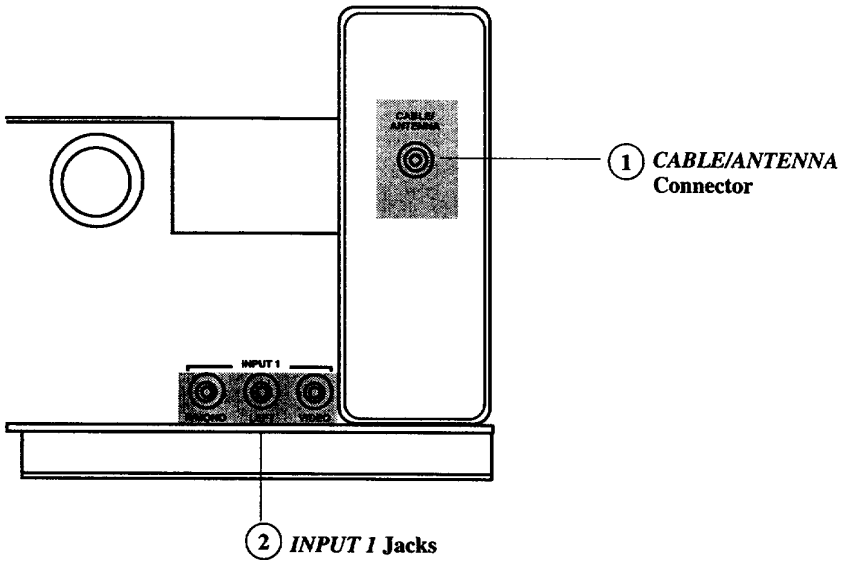


- If a "+" appears next to the channel number, then the channel is in the channel memory list. To erase the channel, press –.
- If a "–" appears next to the channel number, then the channel is not in the channel memory list. Press + to add the channel.

3. Adding Video Input Channel to Channel Memory

If you have a video device connected to the *INPUT* jacks on the back of the TV, you can view its signal either by directly selecting channel 91 with the number buttons or by adding that channel to the channel memory.

Adding channel 91 to channel memory allows access to the video input at the TV by pressing the *CHANNEL* up and down buttons as well as by using the remote control.



1 ***CABLE/ANTENNA* Connector**–used when attaching either a home antenna or a cable-TV system to your TV. Connection details are on pages 16-18.

2 ***INPUT 1* Jacks**–make it easy to directly connect another video device (like a VCR or camcorder) to your TV with audio/video cables.

To see the signals from a device that is connected to the *INPUT 1* jacks, tune your TV to channel 91.

Tips to Read Before Connecting Components

Stacking Arrangements

If you are connecting several components and plan to use a component rack, follow these general rules when arranging your components.

- If the components are arranged horizontally, allow at least an inch or two of space between them so air can circulate freely. This will also provide some space between the audio devices to minimize interference.

- If components are arranged vertically on shelves, place the stereo amplifier at the top so that heated air rising from it will not pass around the other components.

- Do not block the ventilation holes in the components. If components are placed on rugs or deep-pile mats, the ventilation holes in the bottoms may be blocked and overheating could result.

- Some VCR's may cause interference in TV's. When placing a VCR under your TV, try to keep at least 18 inches between the bottom of the TV and the top of the VCR. If interference is present when the VCR is used on top of the TV or at the 18-inch distance below the set, move the VCR beside the TV. If moving the VCR does not solve the interference problem, try plugging the VCR into a different wall socket.

Plugging in Power Cords

Do not plug any power cord into a wall outlet until you are finished making connections.

Many components have "convenience outlets" on their back panels so you can plug power cords from other components into a "convenience outlet" instead of a wall outlet. Usually these outlets will be labeled either "switched" or "unswitched".

- If the outlet is labeled "switched", that means power to the outlet will be switched off when the component's power button is switched off.
- If the outlet is labeled "unswitched", that means power will always be available at that outlet, even when the component is turned off.

Depending on the size of your system, you may prefer to use an extension cord or a "multiple adapter" to get enough outlets for all your components.

The power cords on your components may be "polarized" (one blade is wider than the other). Be sure the extension cord or multiple adapter is also polarized. The plug should fit in the outlet only one way.

Turning Off Power Before Connecting Components

Always turn off power to all components before you connect or disconnect any cables. This will protect your components from possible electrical surges that could damage your equipment.

This is a good practice for all your audio and video components–TV's, VCR's, audio systems, computers, etc.

Positioning Cables to Avoid Hum

The possibility of picking up hum (interference noise) in the audio/video cables will be reduced if you keep them away from the back of the TV. Route the cables to the sides of the TV's back panel instead of straight down the middle.

All cable plugs should be firmly seated in the jacks where they connect to the equipment. If a plug is not connected firmly, audio hum or smeared video may result.

If your antenna cable is flat twin-lead cable, try to keep it away from the audio/video cables as much as possible. Excess flat, twin-lead cable should be cut off instead of coiled behind the TV. Round, coaxial, antenna cable is usually shielded and can be coiled or placed next to audio/video cables without causing interference.

Antenna and Cable Information

The antenna is the "signal receiver" for television. Most modern TV antennas receive both VHF (*Very High Frequency*) and UHF (*Ultra High Frequency*) channels. Channels 2-13 are VHF channels, and channels 14-69 are UHF channels.

Typical Indoor Antenna

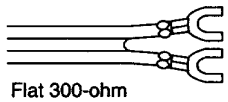
Typical Outdoor Antenna

In most situations you will get better picture and sound quality if you use an outdoor antenna or connect your TV to a cable-TV system.

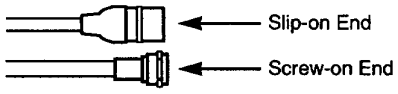
Cable-TV (CATV) supplies television signals directly by cable without the need for a home antenna. Cable-TV delivers both VHF and UHF channels and other channels not available from your antenna.

Shown below are two basic types of antenna cables. Signals from a home antenna may be conducted through either type. Cable-TV signals, however, are always conducted through round, 75-ohm coaxial cable.

Types of Antenna Cables

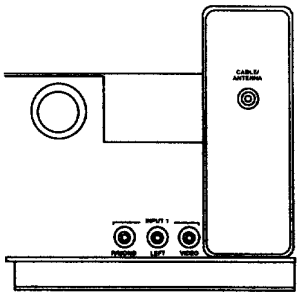


Flat 300-ohm twin-lead cable



Round 75-ohm coaxial cable

Use the connector shown below to connect your antenna or cable-TV system to the back of the TV.



Follow the instructions below if you intend to connect an optional dipole antenna such as the one shown on page 25. **This applies to 20-inch* models only.**

-or-

Follow the instructions on page 17 if you intend to connect a home indoor or outdoor antenna to your TV.

-or-

Follow the instructions on page 18 if you intend to connect a cable-TV system to your TV.

For 20-inch* TV models only

Follow these steps to connect an optional dipole antenna. You can order a dipole antenna direct by mail with the order form on page 25.

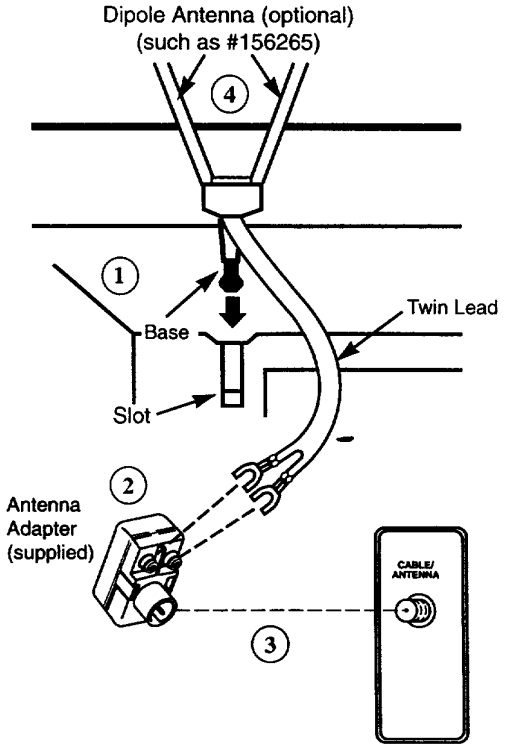
(1) Insert the antenna base into the pocketed slot on the back of your set. Stand at the back of your set, with the antenna twin-lead facing you. Then press the base of the antenna into the slot until it locks in place.

(2) Connect the ends of the twin-lead to the Antenna Adapter (supplied).

(3) Connect the Antenna Adapter to the *CABLE/ANTENNA* connector on the back of the TV.

(4) Later, after you've turned on the TV, adjust the length and position of the antenna rods for best reception.
- For viewing VHF channels, extend the rods fully.
- For viewing UHF channels, shorten the rods for best reception.

Note: The optional dipole antenna (RCA #156265) is designed to fit and lock into the slot in the back of your TV.

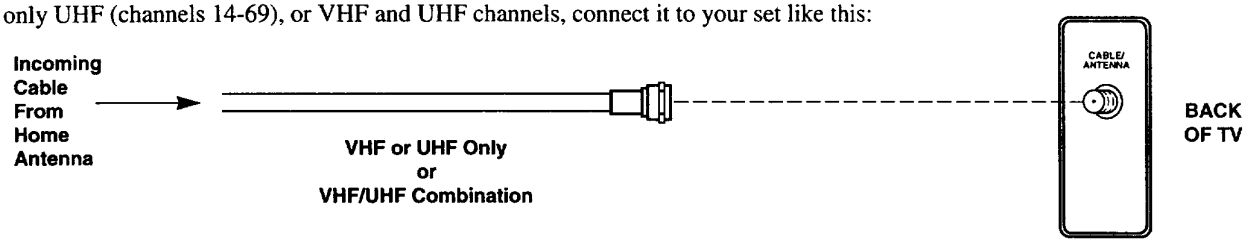


*20-inch models in the USA are referred to as 21-inch models in Canada.

Home Antenna Connections

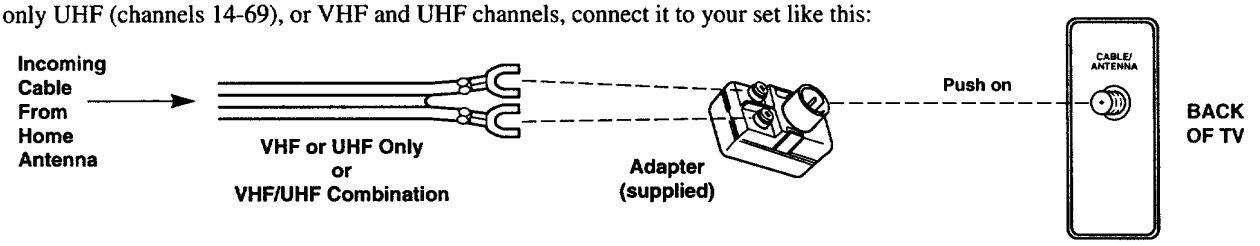
Follow one of the steps below to connect an indoor or outdoor antenna to your TV (not cable-TV).

A If the antenna cable coming from your home antenna is a 75-ohm round coaxial cable that carries only VHF (channels 2-13), only UHF (channels 14-69), or VHF and UHF channels, connect it to your set like this:



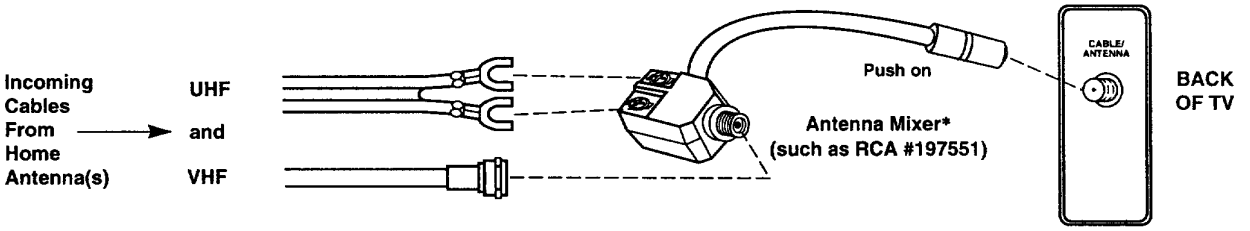
–OR–

B If the antenna cable coming from your home antenna is a 300-ohm flat twin lead that carries only VHF (channels 2-13), only UHF (channels 14-69), or VHF and UHF channels, connect it to your set like this:



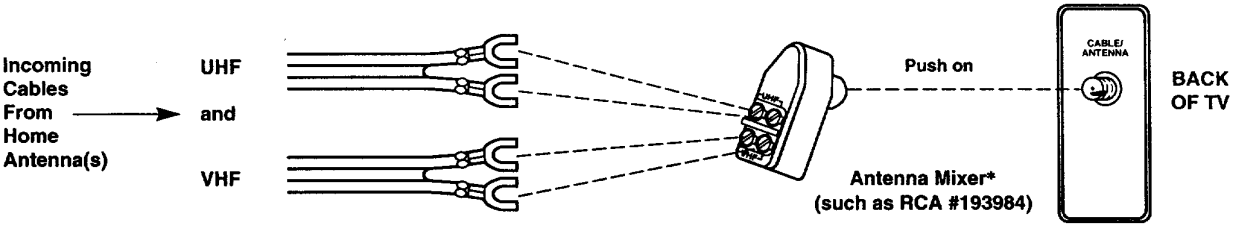
–OR–

C If the antenna cables coming from your home antenna(s) are a 75-ohm round coaxial cable that carries VHF (channels 2-13) and a 300-ohm flat twin-lead cable for UHF (channels 14-69), connect them to your set like this:



–OR–

D If the antenna wires coming from your home antenna(s) are two 300-ohm flat twin-lead cables as shown here, connect them to your set like this:



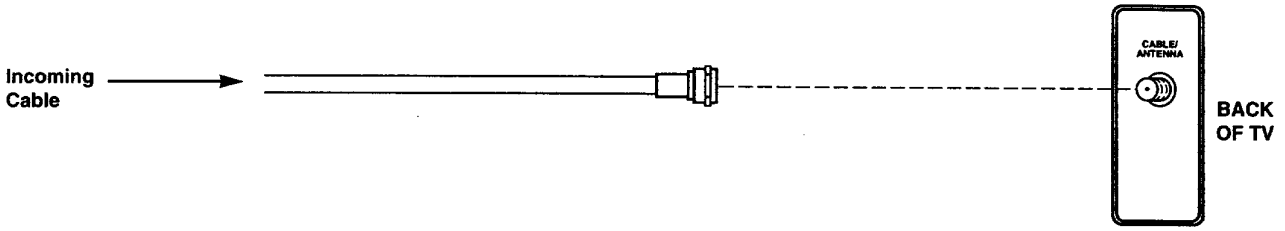
Note: Be sure to connect the UHF antenna cable to the UHF screws on the Antenna Mixer and the VHF antenna cable to the screws marked VHF.

* Optional accessories are available from most dealers or electronics supply stores.

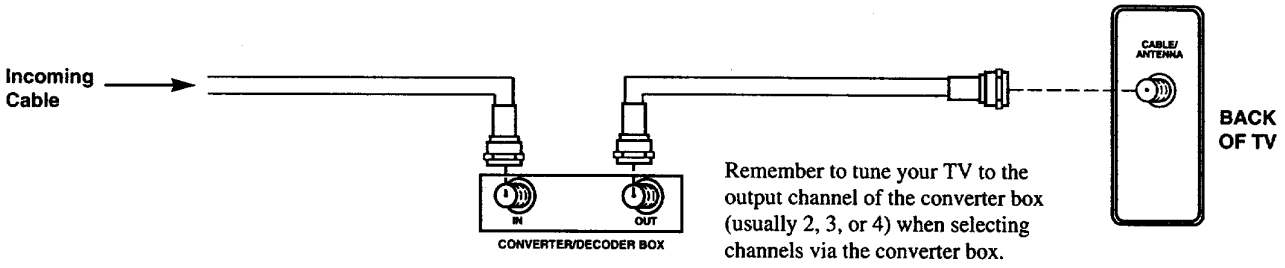
Cable-TV Connections

Follow one of these steps to connect a cable-TV system to your TV instead of a home antenna. Since cable-TV systems vary, you may wish to consult your local cable-TV company for additional information.

A Follow this diagram if your cable company does not require a converter/decoder box (no scrambled channels):

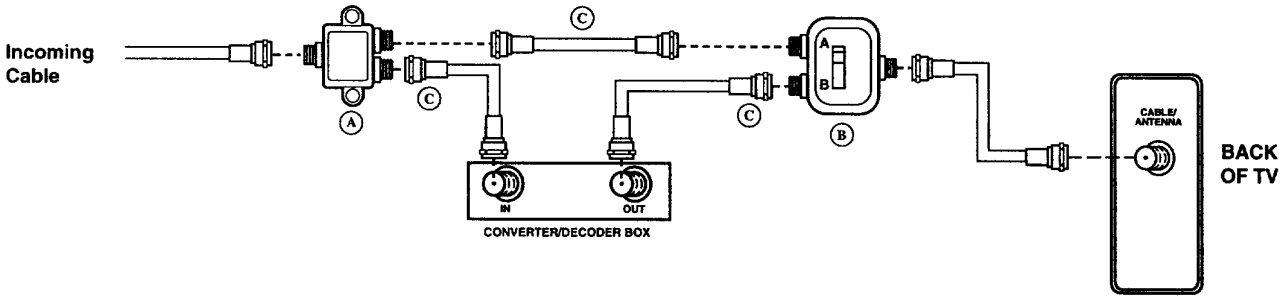


B Follow this diagram if your cable company requires a converter/decoder box that can be controlled by remote control. Most brands of remote-controllable boxes can be controlled by the optional RCU100 remote shown on page 25. Details for programming the optional RCU100 remote to also control the converter/decoder box are packed with the remote.



Remember to tune your TV to the output channel of the converter box (usually 2, 3, or 4) when selecting channels via the converter box.

C Follow this diagram if your cable company requires a converter/decoder box that cannot be controlled by remote control:



Note: These optional accessories (2-way splitter Ⓐ, A/B switch Ⓑ, three coaxial cables Ⓒ) are available as a kit under #AH041BL.*

- The "A" position on the A/B switch lets you select all non-scrambled channels by the TV's remote control.
- The "B" position allows you to select scrambled channels via the converter box. Remember to tune your TV to the output channel of the converter box (usually 2, 3, or 4) when selecting channels via the converter box.

* Optional accessories are available from most dealers or electronics supply stores.

Cable-TV Operation

Your new TV is designed to receive up to 178 TV channels including 122 non-scrambled cable channels (see chart below). To use this TV on a cable-TV system, confirm that the cable-TV system is properly connected to your TV. Since cable systems vary, you may wish to consult your local cable-TV company for additional information.

If your cable-TV company follows EIA/NCTA channel-identification standards, most of the channels offered by your cable company will be identified by channel numbers that are identical to those on your TV. For example, if your cable-TV system has programs on cable channel 20, you can choose this channel by selecting channel 20 on your TV.

If your cable company offers cable channels A-1, A-2, 90, 91 or 92 you can tune them by selecting the TV channels shown below.

If your cable company offers this cable channel:	Tune your TV to this channel:
A-1	99
A-2	98
90	95
91	96
92	92 or 97

Some cable-TV companies do not follow the EIA/NCTA standards and instead assign their own channel identification. For example, some use the standard broadcast channel numbers (2-13) for channels 2-13, but identify their other channels with letters. If your cable company does not follow the EIA/NCTA standards, ask them for a cross reference that shows to which channels you should tune your TV to receive their cable-TV channels.

Not all cable-TV channels will be active on your particular cable-TV system. Also some cable companies may require the use of a decoder with their cable-TV system. Consult your cable company or local dealer for details.

Scrambled Cable-TV Channels
Some cable companies offer "premium-pay" channels in which the signal is scrambled. Descrambling these signals for normal viewing requires the use of a descrambler device (cable box) which is generally provided by the cable company.

How you connect the cable box to your TV depends upon whether or not the cable box can be controlled by remote control. The optional RCU100 remote (shown on page 25) can also control most brands of cable boxes, so if your cable box is remote controllable, you may want to connect it as shown in Diagram B on page 18. Instructions for programming the optional RCU100 remote to control the cable box are included with the remote.

If your cable box cannot be controlled by remote control, you will still be able to remotely control "unscrambled" channels with the connection shown in Diagram C on page 18.

Since cable systems vary, you may wish to consult your local cable company for additional information.

The chart below lists the "total" channel and cable count.

Channels	Off Air	Cable
• Low VHF A-8 (Channel 01)	—	1
• VHF (Channels 2-13)*	12*	12*
• UHF (Channels 14-69)	56	—
• Low Midband A-2, A-1 (Channels 98-99)	—	2
• Midband (Channels 14-22 or A-I)	—	9
• Superband (Channels 23-36 or J-W)	—	14
• Hyperband (Channels 37-64 or W+1 to W+28)	—	28
• Ultraband (Channels 65-94 and 100-125 or W+29 to W+84)	—	56
Total*	68	122

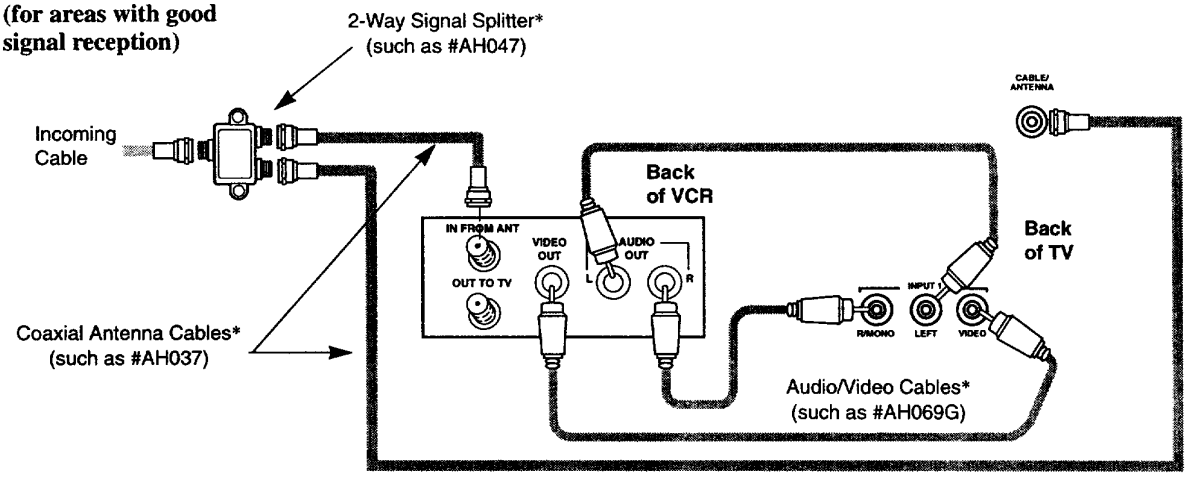
* VHF is only counted once in total channel count because you can receive channels 2-13 on both "off-air" and "cable" channels. Therefore the total channel count for "off-air" and "cable" is 178 channels (68+122-12=178).

VCR Connections

These connections allow you to record TV programs *and* play back tapes.

Preferred Method

(for areas with good signal reception)



Shown here is the preferred method of connecting a VCR to your TV. This method uses a 2-way signal splitter to run separate signals to the VCR and TV. This way you can view either TV programs or VCR tapes and not be concerned about the position of the VCR's *TV/VCR* switch.

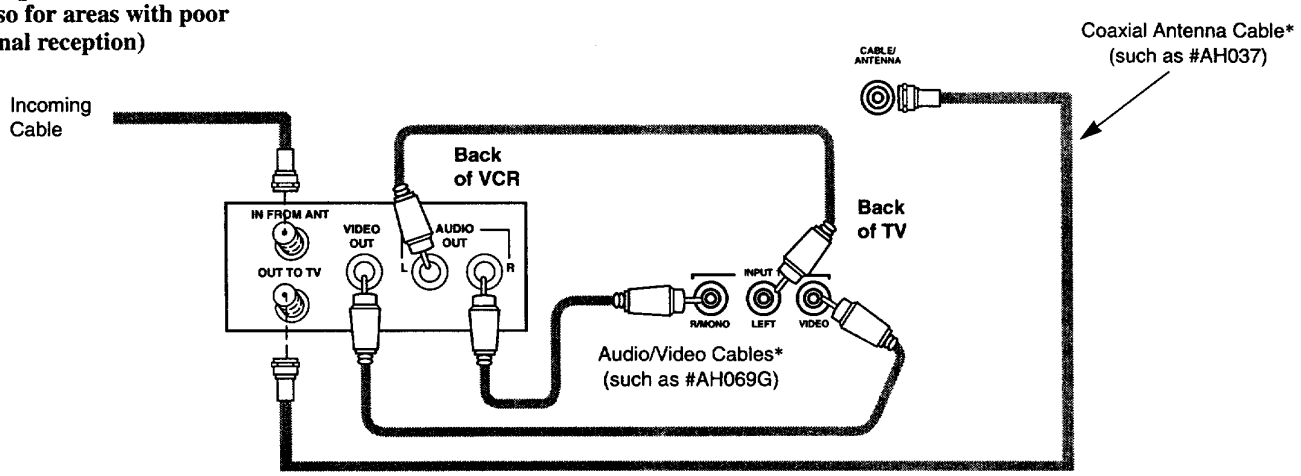
Note: The audio/video connections from the VCR to the TV are required in order for you to watch tapes being played by the VCR.

Operation:

If the VCR is connected to *INPUT 1* jacks as shown, press number buttons 9 then 1 (channel 91) to view whatever the VCR is playing.

Simplified Method

(also for areas with poor signal reception)



Shown here is a simplified method of connecting a VCR to your TV. The preferred method (using a 2-way signal splitter) is shown above. On many VCR's, turning them on causes the VCR's *TV/VCR* switching to disconnect the antenna signals from the TV. By using a signal splitter to run separate signals to the VCR and TV, you can view TV programs or VCR tapes and not be concerned about the position of the VCR's *TV/VCR* switch.

Note: The audio/video connections from the VCR to the TV are optional; however, these additional connections usually produce a better-quality picture during VCR playback. These connections are required; however, for stereo playback from stereo VCR's.

Operation:

If the VCR is connected to *INPUT 1* jacks as shown, press number buttons 9 then 1 (channel 91) to view whatever the VCR is playing.

* Optional accessories are available from most dealers and electronics supply stores.

Remote Buttons That Control VCR

The Digital remote control that came packed with your TV controls your TV *and* a compatible RCA VCR.

To control a compatible RCA VCR, first press the *VCR* button to put the remote in the "VCR mode". The buttons shown below will then control the VCR.

***PAUSE* Button**
- Press to pause play or record mode.
- Press again to release pause.

***VCR* Button**
- Press to turn on VCR and put remote in "VCR Mode" so other buttons will control only the VCR.
- Press the *TV* button to put remote back into "TV Mode".

***OFF* Button**
Press to turn off VCR.

***PLAY* Button**
Press to start tape playing.

***REW* (Rewind) Button**
- Press while VCR is stopped to rewind tape.
- Press while VCR is playing to search backward.

***REC* (Record) Button**
Press to record. It is not necessary to press *PLAY* and *RECORD* with this remote.

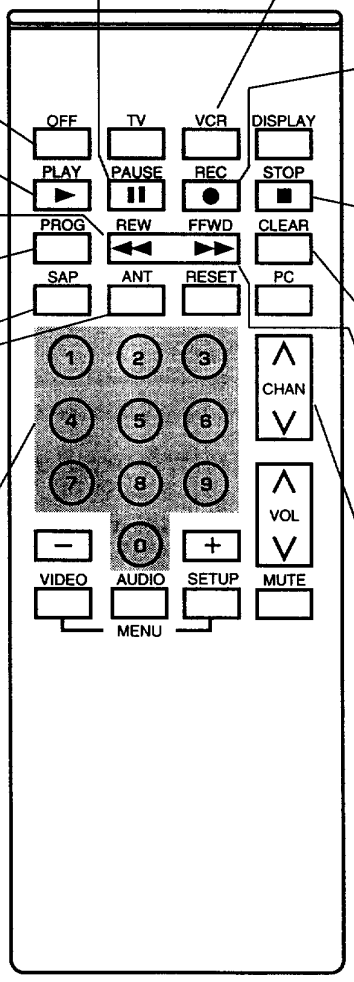
***STOP* Button**
Press to stop whatever VCR is doing: Playing, Recording, Rewinding, or Fast Forwarding.

***PROG* (Program) Button**
Used when setting the VCR's clock and programming its timer.

***SAP* Button**
Press to receive SAP audio.

***ANT* Button**
Press to change *VCR\TV* switch on VCR to other position.

Number Buttons
- Press two numbers to select channel.
- Press a "0" before a single-digit channel number.



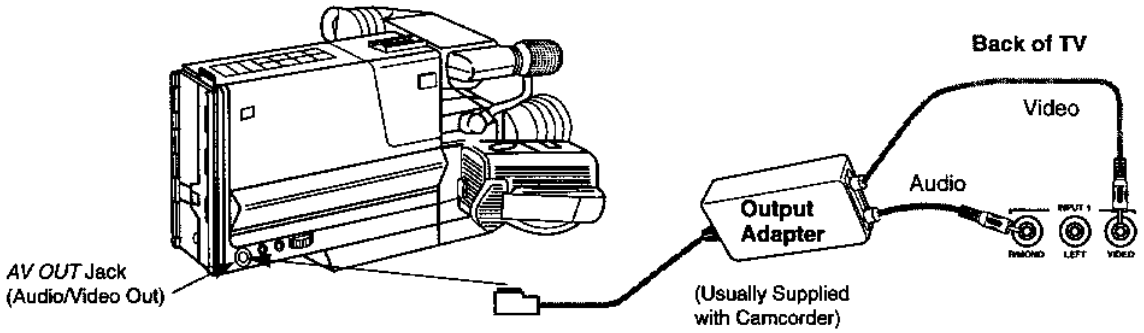
***CLEAR* Button**
Used when setting the VCR's clock and programming its timer.

***FFWD* (Fast Forward) Button**
- Press while VCR is stopped to fast forward tape.
- Press while VCR is playing to search forward.

***CHAN* Buttons**
Press to select next higher or lower channel in VCR channel memory scan list.

Camcorder Connections

This connection allows you to play back tapes in the camcorder and watch them on the TV.



A camcorder can be connected directly to your TV. Connect the video cable to the *INPUT 1 VIDEO* jack on the back of your TV, and attach the audio cable to the *INPUT 1 R/MONO* audio jack.

Operation:
If the camcorder is connected to the *INPUT 1 VIDEO* and *R/MONO* (audio) jack, press number buttons 9 then 1 (channel 91) to view whatever the camcorder is playing. When you tune your TV to channel 91, you'll be able to see whatever signal is coming into the TV through its *INPUT 1* jacks.

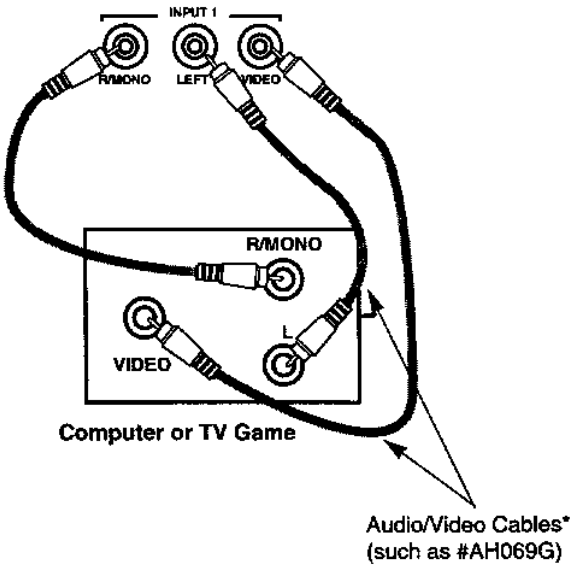
Computer Connections

Computers and Other Equipment with Audio/Video Outputs

Your TV can also be used as a display device for many video games and home computers. If your game or computer has a normal NTSC (American Standard) *VIDEO* output, it can be connected directly to the *INPUT 1* jacks on the TV as shown here.

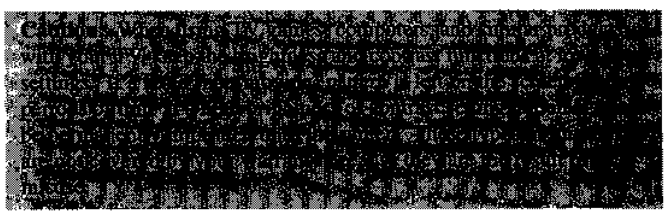
If the computer or other device has monaural audio output (only one *AUDIO OUT* jack instead of *L* and *R*), connect it to the TV's *R/MONO* jack. This will enable the TV to reproduce the sound through both the left and right speakers.

Back of TV



To View Signals From Computer

If you connected the computer to the TV's *INPUT 1* jacks, select channel 91. This will switch the TV to the *INPUT 1* jacks so you can see whatever signal is coming from the computer.



* Optional accessories are available from most dealers or electronics supply stores.

Trouble Checks

Troubles sometimes are caused by simple "faults" that you can easily correct without the help of a service technician by first checking a few basic remedies. Before you call or take your TV to an Authorized RCA TV Servicenter, look below for the type of trouble you are experiencing. Then perform the simple checks and adjustments listed for that trouble.

If your TV is still in warranty, these checks and adjustments could save you time and the cost of an unneeded trip to the servicer. They also could save you the cost of a diagnosis not covered by your warranty.

If your TV is out of warranty, these checks and adjustments could save you time and the cost of an unneeded trip to the servicer.

If service should be necessary, the warranty information lists what your warranty covers and explains how to get service.

TV Trouble	Checks and Adjustments
TV will not turn on	• Check to make sure it is plugged in. • Check the wall receptacle (or extension cord) to make sure it is "live" by plugging in something else. • Maybe batteries in remote are "dead". Try using *POWER* button on TV. • Maybe remote control was not aimed at remote sensor. • Make sure power cord is fully inserted into back of TV.
Controls don't work	• If using remote, make sure remote is in "TV Mode" by pressing *TV* button. • Try unplugging set for two minutes and then turning it on again. • Make sure power cord is fully inserted into back of TV.
Intermittent or no remote	• Maybe something was between the remote and the remote sensor. • Maybe the remote was not aimed directly at the TV. • Maybe batteries in remote are weak or dead. Try replacing batteries. • Maybe batteries were installed incorrectly. Try replacing batteries correctly. • Maybe remote is not in "TV Mode". Press *TV* button so remote will control the TV.
Turns off while playing	• Sleep Timer function may have been activated. • If TV turned on because of alarm, it will automatically turn off after one hour. • Electronic protection circuit may have been activated because of a power surge. Wait 30 seconds and then turn on again. If this happens frequently, the voltage in your house may be abnormally high (especially if you burn out a lot of light bulbs). • Make sure power cord is fully inserted into back of TV.
Turns on unexpectedly	• Alarm function may have been activated.
Blank screen	• Maybe Channel 91 is selected, but the device connected to those *INPUT* jacks is not turned on. • Try another channel.
No sound, picture okay	• Maybe sound is muted. Try pressing *VOLUME* up button to restore sound.
Can't select certain channel	• Channel may not be in Channel Memory. • If using VCR, check to make sure *TV/VCR* switch on VCR is in correct position.
No picture, no sound but power light is on	• For Channel 91, make sure the component connected to those *INPUT* jacks is turned on in order to see picture. • If watching VCR (connected only through antenna input), make sure TV is tuned to channel 3 or 4–same as *CH3/CH4* switch on VCR. Also check to make sure *TV/VCR* switch on VCR is in correct position.
Sound okay, picture poor	• Check antenna connections. • Try adjusting *SHARPNESS* function to improve weak signals.
Picture okay, sound poor	• Try another channel. • Try adjusting *VOLUME* or *TONE* controls. • If station is sending stereo, try turning off *STEREO* function for clearer sound.
Noisy stereo reception	• May be a weak station. Use *AUDIO* button to place *STEREO* function in off mode.
No stereo on known stereo station	• Make sure *STEREO* function is turned on.

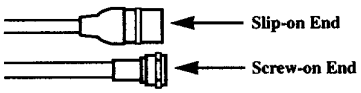
Accessories

Compatible Components

A wide variety of compatible Video Cassette Recorders (VCR's), camcorders, and audio components are available. Check with your dealer for details. Other components can also be connected to your TV. Refer to the component's owner's manual for the manufacturer's recommended hookup instructions.

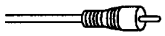
General Cable Information

Antenna (or cable-TV) connections are made with either coaxial antenna cable or twin-lead cable as explained on page 16. Coaxial cables are shielded so they are less susceptible to hum or interference from adjacent cables.



Round 75-ohm coaxial cable such as No. AH037 (screw-on) or No. AH065G (push-on)

Most audio/video connections between components can be made with shielded audio and video cables that have RCA-type phono connections. When connecting components to each other, be sure that you always connect left outputs to left inputs and right outputs to right inputs. If a component has only one audio output (mono), connect it to the *R/MONO* input jack.

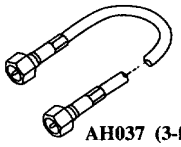


Standard Audio/Video Cable with RCA-type phono plugs (such as No. AH070G)

The following accessories are available from most dealers in case you want to position your components farther apart or need additional cables.

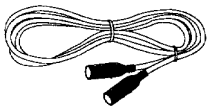
Antenna Cables

Screw-on Antenna Cable
Attaches to the round antenna connectors (called 75-ohm F-type) on the back of your VCR or TV. The ends screw onto the connectors for a secure connection.



AH037 (3-ft)

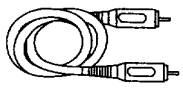
Push-on Antenna Cable
Attaches to the round antenna connectors (called 75-ohm F-type) on the back of your VCR or TV. Ends push on for a quick connection.



Gold-Tipped Cables
AH065G (6-ft)
AH066G (10-ft)

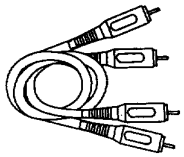
Audio/Video Cables

Audio/Video Cable
Shielded cable for connecting *AUDIO* and *VIDEO* jacks. Has an RCA-type phono plug on each end.



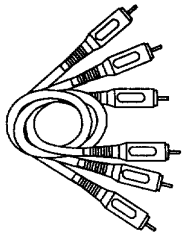
Gold-Tipped Cables
AH069G (3-ft)
AH070G (5-ft)

Stereo Audio Cable
Double gold-tipped cable generally used for connecting stereo audio components.



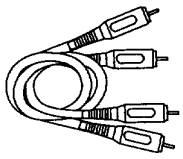
Gold-Tipped Cable
AH072G (3-ft)

Stereo VCR Dubbing Cable
Triple cable that lets you connect the *VIDEO* and *AUDIO* jacks of stereo components.



Gold-Tipped Cable
AH077G (6-ft)

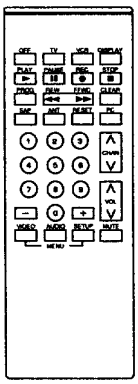
Monaural VCR Dubbing Cable
Double cable that lets you connect the *VIDEO* and *AUDIO* jacks of two VHS VCR's to duplicate tapes. Can also be used to connect a VCR to your TV. Cable is color-coded and shielded with RCA-type phono plugs on each end.



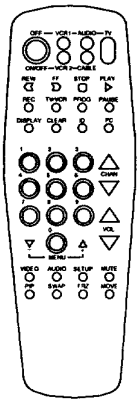
Gold-Tipped Cable
AH075G (6-ft)

Accessory Order Form

Remote Controls

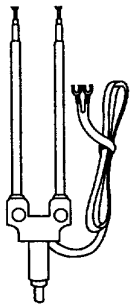


Remote Control (CRK50A-179472)
This is the remote that came packed with your TV. You can use the order form to order it direct by mail if desired.



Remote Control (RCU100)
This is an optional remote that not only controls your TV but can also be programmed to control most brands of remote controllable VCR's and cable boxes. Can be used to replace lost or broken remotes and is easy to use and program.

Antenna



Dipole Antenna (156265)
Designed to attach to the back of 20-inch* models. Can be used for both VHF and UHF channels.

*20-inch models in the USA are referred to as 21-inch models in Canada.

Note: All specifications and descriptions of accessories are subject to change without notice.

Detach Here

Accessory Order Form
(Book No. 1Q57 189-01A)

Description	Part No.	Price	Qty	Total
Cleaner/Polisher (page 29)	AH035	$ 6.95		
Screw-on Antenna Cable (3-ft)	AH037	$ 3.00		
Cable Connection Kit (page 18)	AH041BL	$19.95		
Signal Splitter (page 20)	AH047	$ 3.99		
Antenna Adapter	AH055	$ 4.95		
Gold-Tipped Antenna Cable (6-ft)	AH065G	$ 6.99		
Gold-Tipped Antenna Cable (10-ft)	AH066G	$ 8.99		
Gold-Tipped Audio/Video Cable (3-ft)	AH069G	$ 5.99		
Gold-Tipped Audio/Video Cable (5-ft)	AH070G	$ 7.99		
Gold-Tipped Stereo Audio Cable (3-ft)	AH072G	$ 8.99		
Gold-Tipped Dubbing Cable (6-ft)	AH075G	$10.99		
Gold-Tipped Dubbing Cable (6-ft)	AH077G	$14.99		
Optional Remote Control	RCU100	$69.95		
Dipole Antenna (page 16)	156265	$20.30		
Replacement Remote Control (CRK50A)	179472	$45.00		
Replacement Power Cord (5 1/2-ft)	187802	$ 9.30		
Antenna Mixer (page 17)	193984	$10.73		
Antenna Mixer (page 17)	197551	$10.95		

Prices are subject to change without notice

Total Merchandise ($10 Minimum Order) ..... $ _____

Sales Tax ..... $ _____

We are required by law to collect the appropriate sales tax for each individual state, county, and locality to which the merchandise is being sent.

Shipping, Handling, and Insurance ..... $ 4.50

Total Amount Enclosed ..... $ _____

Use VISA or MasterCard preferably. Money order or check must be in U.S. currency only. No COD or CASH.

All accessories are subject to availability.
Where applicable, we will ship a superseding model.

Please complete other side also

Charge your order on your VISA or MasterCard by filling in below

USE YOUR CREDIT CARD

IMPORTANT: Copy complete account number from your VISA card

☐☐☐☐ ☐☐☐☐ ☐☐☐☐ ☐☐☐☐

My card expires: ☐☐ ☐☐

IMPORTANT: Copy complete account number from your MasterCard

☐☐☐☐ ☐☐☐☐ ☐☐☐☐ ☐☐☐☐

Copy Number above your name on MasterCard ☐☐☐☐ My card expires: ☐☐ ☐☐

AUTHORIZED SIGNATURE

Prices are subject to change without notice.

PLEASE

Print or type your name and address clearly. This will be your mailing label.

A complete and correct order will save you days of waiting.

Name: _____

Street: _____

_____ Apt: _____

City: _____

State: _____ Zip: _____

Please make sure that both sides of this form have been filled out completely.

Detach Here

To order accessories, contact your local dealer.
If a dealer is not nearby, you can also follow the instructions below to order by telephone or direct-by-mail.

United States Orders

To place your order by phone, have your Visa or MasterCard ready and call the toll-free number listed below between 8AM and 8PM Eastern Standard Time. **Use this number only to place an order for accessory items listed on this order form.**

1 – 800 – 338 – 0376

Most times your order will be shipped UPS within 72 hours of receipt. If ever it is not possible to ship within 30 days, we will notify you with an update on your order and an option to cancel.

To place your order by mail, detach and mail the completed order form with credit card information, money order, or check in U.S. currency (made payable to Thomson Consumer Electronics) to the following address:

Video Accessories
PO Box 8419
Ronks, PA 17573

For more information on these accessories (or current prices), write to the following address:

Video Accessories Customer Service
Thomson Consumer Electronics
Distributor & Special Products
2000 Clements Bridge Rd
Deptford, NJ 08096-2088

Canadian Orders

For Canada inquiries, please call one of these toll-free numbers for information about accessories:

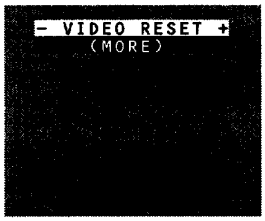
English: 1 – 800 – 668 – 5518
French: 1 – 800 – 668 – 5507

International Orders

This offer is valid only in the 50 United States. For international orders, please send your request for quotation (not an order) to:

International Customer Service
Thomson Consumer Electronics
Distributor & Special Products
2000 Clements Bridge Rd
Deptford, NJ 08096-2088 USA

Resetting Picture Controls to Factory Settings *(p 8)*

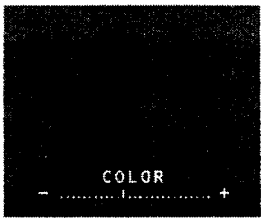


1. Press the *VIDEO* button once to display the *VIDEO RESET* menu.
2. Press + or – to reset the video functions to the factory settings.

Adjusting the Video (Picture) *(p 8)*

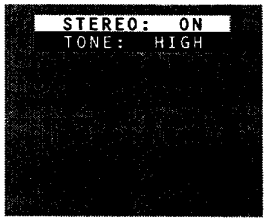
2nd Menu

1. Repeatedly press the *VIDEO* button until the function you want to adjust is selected (highlighted).



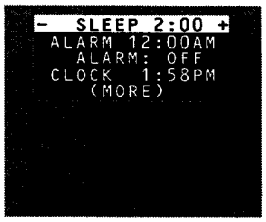
2. Press + or – to see the adjustment display on the bottom of the screen.
3. Press + or – again to adjust the display to your personal preference.

Adjusting the Audio *(p 9)*



1. Repeatedly press the *AUDIO* button until the function you want to adjust is selected (highlighted).
2. Press + or – to adjust the function.

Setting the Sleep Timer *(p 11)*

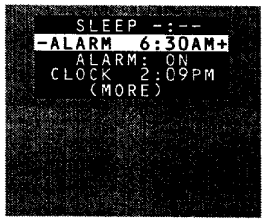


1. Press the *SETUP* button to select (highlight) the *SLEEP* function.
2. Press + or – to select the length of time you want the TV to stay on. Each press adds another 30 minutes (up to four hours).

Cancelling Sleep Timer *(p 11)*

1. Press the *SETUP* button to select the *SLEEP* function.
2. Repeatedly press + or – to change the time to "- :- -".

Setting the Alarm *(p 12)*



1. Repeatedly press the *SETUP* button to select (highlight) the *ALARM* time function.
2. Press and hold + or – to set the time you want the TV to turn on.
   Note: Setting the alarm time automatically sets the *ALARM: ON/OFF* function to *ON*.

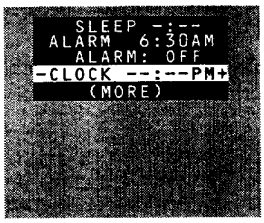
Turning Alarm On and Off *(p 12)*

1. Repeatedly press the *SETUP* button to select (highlight) the *ALARM: ON/OFF* function.
2. Press + or – to change it. When this function is turned *OFF*, the TV will not turn itself on.

(continued on next page)

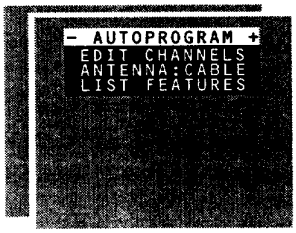
Quick Reference Operating Guide (continued)

Setting the Clock *(p 3)*



1. Repeatedly press the *SETUP* button until the *CLOCK* display is selected (highlighted).
2. Press the + button to set the time forward, or press the – button to set the time backward.

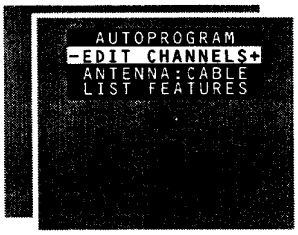
AutoProgramming Channels into Channel Memory *(p 13)*



2nd Menu

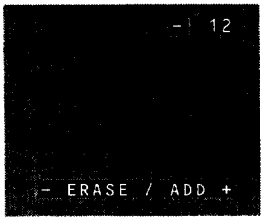
1. Repeatedly press the *SETUP* button until the *AUTOPROGRAM* function is selected (highlighted).
2. Press + or – to start the TV AutoProgramming itself.

Erasing/Adding Channels in Memory *(p 13)*



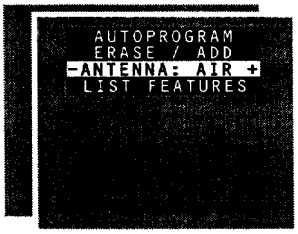
2nd Menu

1. Repeatedly press the *SETUP* button until the *EDIT CHANNELS* function is selected (highlighted). Then press + or – to enter the function.
2. Select the desired channel number by pressing the two corresponding number buttons or by pressing *CHANNEL* up or down.



3. Press + to add a channel, or press – to erase a channel.

Changing Cable/Air Function *(p 10)*

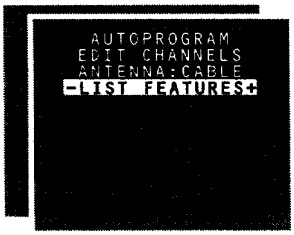


2nd Menu

1. Repeatedly press the *SETUP* button to select (highlight) the *ANTENNA: CABLE/AIR* function.
2. Press + or – to change the setting.

Note: The TV automatically sets this function for you when it AutoPrograms the channel memory.

Listing Features *(p 10)*



2nd Menu

1. Repeatedly press the *SETUP* button to select (highlight) the *LIST FEATURES* function.
2. Press + or – to start the TV listing its features automatically.
3. To stop the displays, press the *TV* or *CLEAR* button on the remote (or press *AUDIO, VIDEO,* or *SETUP* on the front of the TV).

Cleaning and Care

Dust TV as required, using a soft cloth or the dusting attachment of your vacuum cleaner. Occasionally vacuum the ventilation slots in the cabinet to help assure adequate ventilation. Take care not to scratch the plastic surfaces.

If your TV's cabinet has a textured finish, do not use furniture polish. Because textured finishes are porous, using furniture polish will mar their appearance. They can be easily cleaned with a damp, soft cloth.

To clean the screen, you can wipe it with a damp, soft cloth. Then dry it with a soft cloth. (A mild soap may be used on the screen if it is extremely dirty.) You can also use a non-abrasive glass cleaner like Windex® or Glass Plus® with a soft cloth. Be sure to turn off the TV before cleaning the screen, and do not allow liquid to run down the screen and inside the TV.

A special antistatic cleaning polishing solution (AH035) is available for use on most TV screens and non-textured cabinets. This non-abrasive formula imparts brilliance, repels dust, and resists fingerprints. Lint-free polishing cloths are included.

Do not use strong cleaners, polishes, or chemically-treated cloths to clean the screen or cabinet.

Avoid placing drinks or vases with water on top of your TV.

AH035
Cleaner/Polisher

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Limited Warranty

What your warranty covers:
- Any defect in material or workmanship.

For how long after your purchase:
- 90 days for labor charges.
- One year for parts.
- Two years for picture tube.

The warranty period for rental units begins with the first rental.

What we will do:
- Pay any Authorized RCA Television Servicenter the labor charges to repair your television.
- Pay any Authorized RCA Television Servicenter for the new or, at our option, rebuilt replacement parts and picture tube required to repair your television.

How you get service:
- Request in-home service from any Authorized RCA Television Servicenter. To identify your nearest Authorized RCA Television Servicenter, ask your Dealer, look in the Yellow Pages, or call 1-800-336-1900.
- Show the service technician your evidence of purchase date.

What your warranty *does not* cover:
- Customer instruction. (Your Owner's Manual clearly describes how to install, adjust, and operate your television. Any additional information should be obtained from your Dealer.)
- Installation and related adjustments.
- Signal reception problems not caused by your television.
- Damage from misuse or neglect.
- Remote control batteries.
- A television that has been modified or incorporated into other products or is used for institutional or other commercial purposes.
- A television purchased or serviced outside the USA.

How state law relates to this warranty:
- This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

If you purchased your television in Canada:
- The Canadian Warranty applies in place of this Warranty.

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Si un livret d'instructions en français n'est pas inclus avec votre appareil, vous pouvez en obtenir un (INDIQUER LE NUMÉRO DE MODÉLE, VOTRE NOM, ET VOTRE ADRESSE) en vous adressant à:

Thomson Electronique Grand Public du Canada, Inc.
Service des donnees techniques
6540 Tomken Road
Mississauga, Ontario, Canada L5T 2E9

RCA

For your nearest RCA dealer or Authorized RCA Servicenter call toll free in U.S.A.

1 800 336 1900

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